

## CLAIM LISTING

1. (Currently Amended) A method of producing an insulated container stock, comprising the steps of:

providing a layer of compressible polymeric foam having a first surface and second surface;

providing a paper stock layer suitable for food or beverage stock;

extruding a molten polyolefin forming a molten sheet of film directed between the paper stock layer and a first surface of the foam layer to form an at least three layer laminate of foam, polyolefin film, and paper;

directing the at least three layer laminate into a chilled nip having a preset gap; and, pressing the layers of the at least three-layer laminate entering the nip into adherent contact as the molten film solidifies to form a laminate of substantially uniform and retained caliper exiting the chilled nip such that the caliper is reduced by not more than 30%.

2. (Previously Presented) A method of producing an insulated container stock according to claim 1 comprising the additional step of:

forming the at least three layer laminate into a container wall for surrounding an interior space.

3. (Previously Presented) A method of producing an insulated container stock according to claim 1, comprising the additional steps of:

forming the at least three layer laminate into a container wall for surrounding an interior space, and adding a bottom portion to form a cup.

4. (Previously Presented) A method of producing an insulated container stock according to claim 1, comprising the additional steps of:

extruding a molten polymer as a fourth layer forming a molten sheet of film directed onto a second surface of the foam of the three layer laminate to form a four layer laminate of film, foam, polyolefin film and paper;

directing the four layer laminate into an additional chilled nip having a preset gap;

pressing the layers of the four layer laminate entering the chilled nip into adherent contact as the molten film solidifies.

5. (Previously Presented) The method according to claim 4 wherein an additional layer of a polyethylene polymer is applied to the paper of the four layer laminate to form a five layer laminate.

6. (Previously Presented) A method of producing an insulated container stock according to claim 1, comprising the additional steps of:

extruding a heat shrinkable polymer as a fourth layer forming a molten sheet of film directed onto a second surface of the foam of the three layer laminate to form a four layer laminate of shrinkable film, foam, polyolefin film and paper;

directing the four layer laminate into an additional chilled nip having a preset gap;

pressing the layers of the four layer laminate entering the nip into adherent contact as the shrinkable film solidifies.

7. (Previously Presented) A method of producing an insulated container stock according to claim 1, wherein the nip into which the three layer laminate is directed is comprised of two rolls.

8. (Previously Presented) A method of producing an insulated container stock according to claim 4, comprising the additional steps of:

forming the four layer laminate into a container wall for surrounding an interior space, and adding a bottom portion to form a cup.

9. (Previously Presented) A method of producing an insulated container stock according to claim 6, comprising the additional steps of:

forming the four layer laminate into a container wall for surrounding an interior space, and adding a bottom portion to form a cup.

10. (Previously Presented) A method of producing an insulated container stock according to claim 9, comprising the additional steps of:

heat treating the cup to shrink the fourth layer of shrinkable film of the four layer laminate formed into a container wall for surrounding an interior space.

11. (Previously Cancelled)

12. (Previously Presented) A method of producing an insulated container stock according to claim 6, wherein the shrinkable polymer of the fourth layer is a polyethylene polymer or copolymer.

13. (Currently Amended) A method of producing an insulated container stock, comprising the steps of:

- providing a layer of compressible polymeric foam having a first surface and second surface
- providing a paper stock layer suitable for cup stock
- extruding a molten low density polyethylene polymer or copolymer forming a molten sheet of film directed between the paper sheet and a first surface of the foam layer to form a three layer laminate of foam, polyethylene film, and paper;
- directing the three layer laminate into a chilled nip having a preset gap;
- pressing the layers of the three layer laminate entering the nip into adherent contact as the molten polyethylene film solidifies to form a laminate of substantially uniform and retained caliper exiting the nip such that the caliper is reduced by not more than 30%;
- extruding a shrinkable polymer as a fourth layer to form a molten layer of shrinkable film directed onto a second surface of the foam of the three layer laminate to form a four layer laminate of polyethylene film, foam, shrinkable film and paper;
- directing the four layer laminate into an additional chilled nip having a preset gap;
- pressing the layers of the four layer laminate entering the nip into adherent contact as the shrinkable film solidifies; and,
- forming the four layer laminate into a container wall for surrounding an interior space, and adding a bottom portion to form a cup.

14. (Currently Amended) A method of producing an insulated container stock, comprising the steps of:

- providing a layer of compressible polymeric foam having a first surface and second surface;
- providing a paper stock layer suitable for cup stock;

extruding a molten low density polyethylene polymer or copolymer into a molten sheet of film directed between the paper stock layer and a first surface of the foam layer to form a three layer laminate of foam, polyethylene film, and paper;

directing the three layer laminate into a chilled nip having a preset gap;

pressing the layers of the three layer laminate entering the chilled nip into adherent contact as the molten polyethylene film solidifies to form a laminate of substantially uniform and retained caliper exiting the nip such that the caliper is reduced by not more than 30%;

extruding a molten heat shrinkable polymer as a fourth layer forming a molten sheet of shrinkable film directed onto a second surface of the foam of the three layer laminate to form a four layer laminate of shrinkable film, foam, polyethylene film and paper;

directing the four layer laminate into an additional chilled nip having a preset gap;

pressing the layers of the four layer laminate entering the nip into adherent contact as the shrinkable film solidifies;

forming the four layer laminate into a container wall for surrounding an interior space;

adding a bottom portion engaging the container wall along a lower side portion thereof to form a cup; and,

heat treating the formed cup to shrink the fourth layer of the four layer laminate.

15. (Cancelled, without prejudice)

16. (Cancelled, without prejudice)

17. (Cancelled, without prejudice)

18. (Cancelled, without prejudice)